

Z0, SF, ASPCT0, XPP, TRAT, XNP0, QQ, XXI  
 8.0+10, 5.5D+10, 2.0, 0.9, 1.0, 0.6, 8.0, 1.2  
 V0, VPRTB, DT0, DTM, TMAX, ZMAX, CDA, GAMMA  
 0.0, 0.0, 1.0, 2.0, 8000.0, 16000.0, 1.0, 1.17  
 BS0, BSFAC, DAR0, IAR, ZSCL1, ZSCL2, ZPKF, IBSPROF, TFAC, IGRV  
 -0.06, 1.0, 0.2, 1, 1.0, 1.5, 1.5, 3, 0.85, 1  
 CMAX, FTCRNT, FPCRNT, FBTA, NPRNT, IDATA, TMP, TPRM  
 2.1, 1.0, 1.0, 1.0, 1, 2.0D+06, 1.0D+04  
 NPLT, DRGFACT, ZSW1S, ZSW2S, VFMRG, ICNT, ISC, fprm, Cprm  
 2, 3.0, 7.0, 15.0, 2.46, 0, 1, 0.0, 0.15  
 DP0, PHIA, TC1, TC2, TC3, TSCL1, TSCL2 [(TC2-TC1) >> TSCL1]  
 0.351, 1.84, 84.2, 402.1, 407.1, 47.9, 85.6  
 UPFmax, Fdenc, TF1, TF2, TF3, TFmax, FSCL1, FSCL2  
 0.0, 0.0e09, 1.25, 1.5, 1.5, 2.25, 0.25, 0.25  
 TPRM0, TPRMSCL, TSHW1, TSHW2, TSHW3, FMULT1, FMULT2 FMULT3  
 90.0, 150.0, 200.0, 3000.0, 15000.0, 100.0, 0.1d+05, 2.0d+05

XPP=Pin/Pout

TRAT=Tin/Tout

XNN=Nout/Nin

$2^*S_0$ =footpoint separation.  $Z_0=S_0^*DFT$ . ( $DFT < 1 \rightarrow$  flatter than semi-circle)

gfit = 0.55

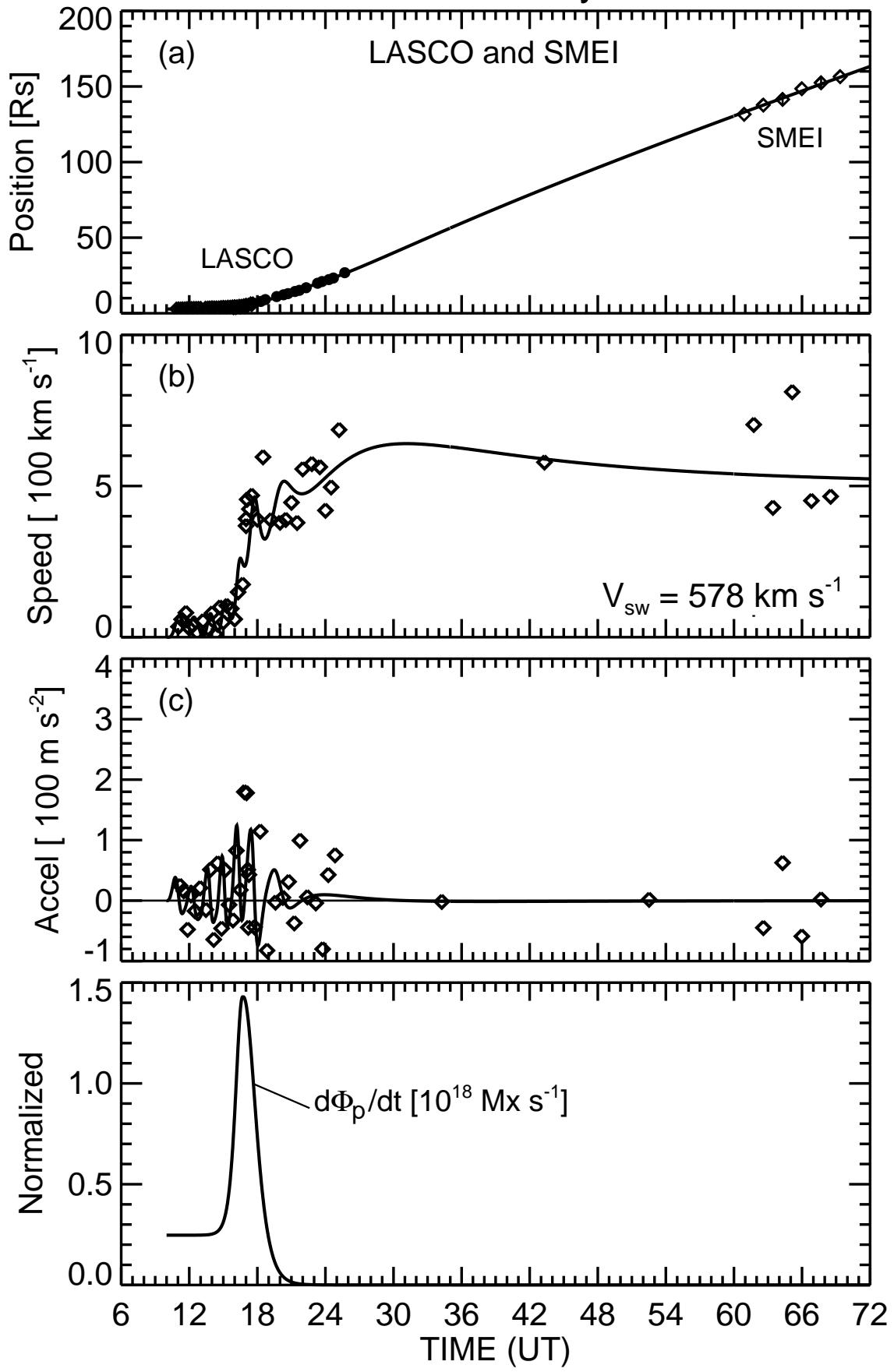
tshft = 10.000 min

err1 = 0.02% err2 = 0.02% err3 = 0.02%

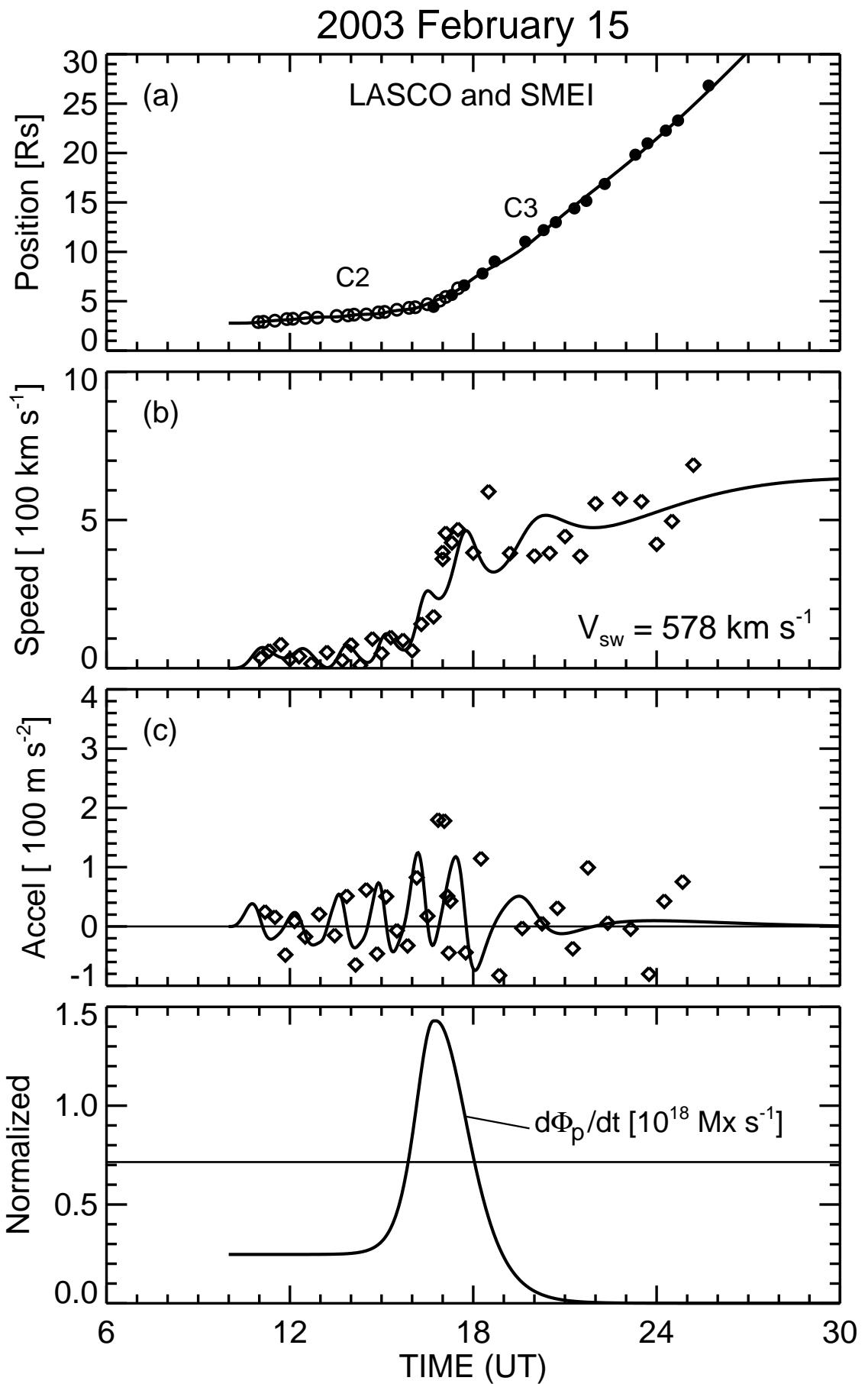
phi = 100.0 deg theta = 10.0 deg

pltc1.ps.002+15

2003 February 15



Sf = 5.5e+05 Z0 = 9.5e+04 D = 0.55 tshft = 10.00 pltc1.ps.002+15

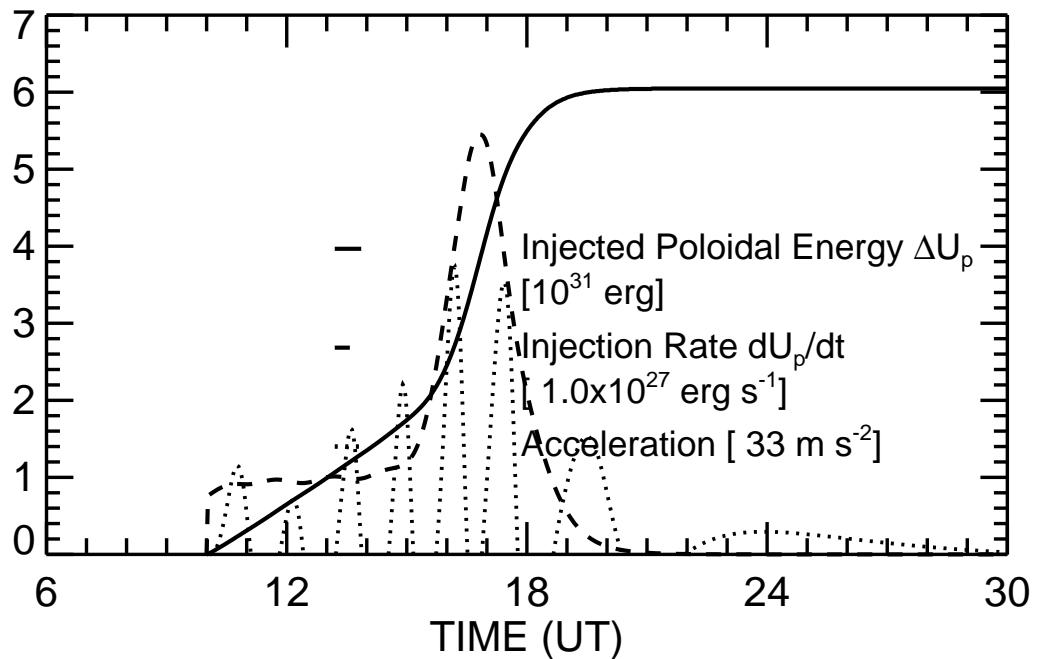


D = 0.55 tshft = 10.000

Sf = 5.5e+05 Z0 = 9.5e+04 R0 = 4.5e+05 a0 = 2.2e+05

Cd = 3.0 err1 = 0.02 Bp = 0.27 G Bt = 0.32 G

pltc1.ps.002+15



$$D = 0.55 \quad C_d = 3.0 \quad t_{shft} = 10.000$$

$$B_{p0} = 0.27 \text{ G} \quad B_{t0} = 0.32 \text{ G} \quad \tau_R = 65.8 \text{ min} \quad V_A = 1.13e+07 \text{ km/s}$$

$$\Phi_{p0} = 1.85e+21 \text{ Mx} \quad \Phi_{t0} = 4.96e+20 \text{ Mx} \quad (\Delta\Phi_p) = 1.7e+22 \text{ Mx}$$

$$(dU_p/dt) = 5.5e+27 \text{ erg s}^{-1} \quad \text{Total mass (initial)} = 1.59e+16 \text{ g}$$

$$(\Delta U_p)_{tot} = 6.0e+31 \text{ erg} \quad U_{p0} = 2.8e+30 \text{ erg}$$

$$(d\Phi_p/dt)_{max} = 1.4e+18 \text{ Mx/sec} \quad (d\Phi_p/dt)_0 = 2.47e+17 \text{ Mx/s}$$

$$\text{Max Accel} = 124 \text{ m s}^{-2}$$

$$V_{sw} = 578 \text{ km/s} \quad \text{EField\_max} = \text{EFM\_max} / S_f = 0.26 \text{ V cm}^{-1}$$